



**DAMES & MOORE**

A PROFESSIONAL LIMITED PARTNERSHIP

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*TAUET*

October 8, 1987

SDMS Document



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Chief, Site Investigation and Compliance Branch  
Emergency and Remedial Response Division  
U.S. Environmental Protection Agency  
26 Federal Plaza  
New York, New York 10278

Attention: SCP - Carlstadt Project Officer

Dear Sir:

Attached is the September, 1987 Progress Report for RI/FS project at the SCP Carlstadt site. This report has been prepared by Dames & Moore, on behalf of the Committee representing the Respondents named in the Administrative Order on Consent No. II CERCLA-50114, in accordance with Paragraph 28B of the Order.

Very truly yours,

DAMES & MOORE

Gerard M. Coscia, P.E.  
Project Manager

GMC/jhm  
Attachment

cc: Chief, Superfund Branch  
Office of Regional Counsel  
U.S. Environmental Protection Agency  
Room 437  
26 Federal Plaza  
New York, New York 10278

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## ATTACHMENT 1

### SCP RI/FS PROGRESS REPORT - SEPTEMBER 1987

#### Progress and Status

1. The laboratory data evaluation is almost complete. At present, 44 of the 52 soil and sediment samples have non-conformances in one or more fractions (VOA, BNA, PST, etc.). The remaining eight samples have qualified data in one or more fractions.
2. The 15 ground and surface water samples have qualified data for only two samples, where the holding time for VOA was exceeded by 1 day on each sample.
3. EPA written approval of Revisions 2 and 3 to the POP had not been received as of September 30.
4. No comments on the geophysical data had been received from EPA by September 30.

#### Technical Issues

The non-conformances discussed above relate primarily to holding time exceedances on samples for volatile organic analysis and elevated detection limits on samples for extractable analyses (base/neutral, acid, pesticide, PCB).

Twenty-one of the fifty-two soil/sediment samples exceeded holding time for VOA from one to eleven days (based on a 14-day hold time; see attached 8/28/87 letter from ETC). Two of the fifteen ground/surface water samples exceeded holding time for VOA by one day each. In addition, four soil samples exceeded the holding time for PCB extraction by one day each, and three soil samples exceeded the holding time for acid analysis by two days each.

Method detection limit non-conformances occurred when no compounds were detected above the elevated detection limits. Twenty-two soil/sediment samples for pesticide/PCB analysis fall into this category. Most of the remaining extractable samples have qualified data, wherein one or more compounds were detected above the elevated detection limits.

Alternatives for dealing with non-conforming data were previously discussed in the August 1987 Progress Report. At the completion of our technical evaluation, we will make a recommendation to the Committee as to which approach is appropriate.

## **Schedule**

The results of the first round of water samples will be available in final form on October 7. We will review the data to see if any fractions can be targeted for the second round sampling; targeted fractions will then be confirmed with the EPA. If compounds are present in all fractions, the EPA will be notified that a full analysis will be performed on the second round samples. The EPA's oversight contractor, Ebasco, requires four weeks notice to make arrangements with a contract laboratory for their split samples. Consequently, we anticipate that the second round sampling will occur in late November.

The data evaluation on the soil and sediment samples will be completed by October 9, after which we will discuss alternatives with the Committee and the EPA.

The RI phase of the project is currently eight weeks behind schedule. Further schedule delays will occur until the technical issues regarding laboratory data are resolved.

## **Planned Activities - October 1987**

1. Complete laboratory data evaluation and develop strategy for addressing non-conforming data.
2. Review first round water sample data and begin planning second round sampling.